Title (en)

A ROCKFALL PREVENTION METHOD

Title (de)

VERFAHREN ZUR VERHINDERUNG VON STEINSCHLAG

Title (fr)

PROCÉDÉ DE PRÉVENTION DES CHUTES DE PIERRES

Publication

EP 2260150 B1 20150408 (EN)

Application

EP 09714648 A 20090227

Priority

- IB 2009050809 W 20090227
- JP 2008045936 A 20080227

Abstract (en)

[origin: WO2009107104A1] To provide rock fall prevention structure and rock fall prevention method capable of preventing the collapse of surface layer and preventing the falling of identified rock masses. Slope (1) is covered with a net assembly (2) constructed of rope materials (3) and (4) combined in intersectional directions and a wire net connected thereto. The rope materials (3) and (4) of the net assembly (2) are anchored into slope (1) using anchors (6). The anchors (6) are inserted into slope (1) to stabilize a surface layer of the slope (1), giving the anchors (6) and the net assembly (2) a strength able to suppress the movement of identified rock masses (22) at slope (1). Using the anchors (6) will be able to prevent the surface layer of slope (1) from collapsing and at the same time, using the anchors (6) and the net assembly (2) will be able to suppress the movement and falling of the identified rock masses (22) at slope (1).

IPC 8 full level

E01F 7/04 (2006.01)

CPC (source: EP US)

E01F 7/045 (2013.01 - EP US); **E02D 17/202** (2013.01 - US); **G06F 30/00** (2020.01 - US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL

DOCDB simple family (publication)

WO 2009107104 A1 20090903; **WO 2009107104 A8 20091112**; AP 2010005397 A0 20101031; AP 2599 A 20130225; AR 071161 A1 20100602; AU 2009219725 A1 20090903; BR PI0907822 A2 20181106; CA 2714611 A1 20090903; CA 2714611 C 20160524; CN 101970761 A 20110209; CR 11592 A 20101012; EP 2260150 A1 20101215; EP 2260150 A4 20120111; EP 2260150 B1 20150408; ES 2538813 T3 20150624; HR P20150675 T1 20150814; IL 207033 A0 20101230; IL 207033 A 20130324; JP 2009203681 A 20090910; KR 20100138967 A 20101231; MA 32186 B1 20110401; ME 01082 B 20121020; MX 2010009386 A 20100924; PE 20100293 A1 20100423; PL 2260150 T3 20151030; PT 2260150 E 20150727; RU 2010139444 A 20120410; RU 2517669 C2 20140527; SI 2260150 T1 20151030; US 2011013992 A1 20110120; US 2013115015 A1 20130509; ZA 201006453 B 20110525

DOCDB simple family (application)

IB 2009050809 W 20090227; AP 2010005397 A 20090227; AR P090100703 A 20090227; AU 2009219725 A 20090227; BR PI0907822 A 20090227; CA 2714611 A 20090227; CN 200980106560 A 20090227; CR 11592 A 20100726; EP 09714648 A 20090227; ES 09714648 T 20090227; HR P20150675 T 20150623; IL 20703310 A 20100715; JP 2008045936 A 20080227; KR 20107021450 A 20090227; MA 33079 A 20100812; ME P13410 A 20090227; MX 2010009386 A 20090227; PE 2009000290 A 20090226; PL 09714648 T 20090227; PT 09714648 T 20090227; RU 2010139444 A 20090227; SI 200931215 T 20090227; US 201213729562 A 20121228; US 73593809 A 20090227; ZA 201006453 A 20100909